

## IMPROVED CATALYTIC COMPOSITION AND ITS APPLICATION TO OLEFIN OLIGOMERIZATION

### Abstract of the Disclosure:

An improved catalytic composition for oligomerization, in particular dimerization, of monoolefins comprises the product resulting from bringing the following three constituents into contact in any order:

- a) at least one divalent nickel compound;
- b) at least one hydrocarbylaluminium dihalide, optionally enriched with an aluminium trihalide;  
and
- c) at least one organic Bronsted acid;

the catalytic composition being pre-conditioned in a solvent before using it for oligomerization.

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